CLAIMS

1. A ceramic green sheet obtained by forming a ceramic coating containing at least a ceramic raw material powder, a binder, and an organic solvent in a sheet shape, followed by drying,

wherein the binder contains two or more kinds of polyvinyl acetal with different average degrees of polymerization, and

polyvinyl acetal with a higher average degree of polymerization contains a relatively large amount of hydroxyl group, and polyvinyl acetal with a lower average degree of polymerization contains a relatively small amount of hydroxyl group.

- 2. The ceramic green sheet according to claim 1, wherein a difference in average degree of polymerization between the two or more kinds of polyvinyl acetal with different average degrees of polymerization is not less than 300.
- 3. The ceramic green sheet according to claim 1, wherein the amount of the hydroxyl group in the polyvinyl acetal with a lower average degree of polymerization is less than 25 mol% of a total amount of functional groups contained in the polyvinyl acetal with a lower degree of polymerization.
- 4. The ceramic green sheet according to claim 1, wherein the amount of the hydroxyl group in the polyvinyl acetal with a higher average degree of polymerization is not less than 25 mol% of a total amount of functional groups contained in the polyvinyl acetal with a higher degree of polymerization.
- 5. The ceramic green sheet according to claim 1, wherein the polyvinyl acetal with a lower average degree of polymerization has an average degree of polymerization of not more than 600.
- 6. The ceramic green sheet according to claim 1, wherein the polyvinyl acetal with a higher average degree of polymerization has an average degree of polymerization of not less than 900.
- 7. The ceramic green sheet according to claim 1, wherein an amount of the polyvinyl acetal with a lower average degree of polymerization is in a range of

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10 to 90 wt% of a total amount of the binder included in the ceramic green sheet, and an amount of the polyvinyl acetal with a higher average degree of polymerization is in a range of 90 to 10 wt% of the total amount of the binder included in the ceramic green sheet.

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- 8. The ceramic green sheet according to claim 1, wherein of the two or more kinds of polyvinyl acetal with different average degrees of polymerization, the polyvinyl acetal with a higher average degree of polymerization has a relatively high glass transition temperature, and the polyvinyl acetal with a lower average degree of polymerization has a relatively low glass transition temperature.
- 9. The ceramic green sheet according to claim 1, wherein a difference in glass transition temperature between the polyvinyl acetal with a higher average degree of polymerization and the polyvinyl acetal with a lower average degree of polymerization of the two or more kinds of polyvinyl acetal with different average degrees of polymerization is not less than 5°C.
- 10. The ceramic green sheet according to claim 1, wherein each of the two or more kinds of polyvinyl acetal is a random polymer represented by the following Formula 1 (where 0 < X < 100; 0 < Y < 100; 0 < Z < 100; X + Y + Z = 100 mol%; and R is an alkyl group having a carbon number of 1 to 6).

(Formula 1)

- 25 11. The ceramic green sheet according to claim 10, wherein in the Formula 1, R of an acetal group in the polyvinyl acetal with a lower degree of polymerization is C₃H₇.
- 12. The ceramic green sheet according to claim 10, wherein in the Formula
 30 1, R of an acetal group in the polyvinyl acetal with a higher degree of polymerization is CH₃ or C₃H₇.

13. The ceramic green sheet according to claim 1, wherein a content of acetyl group in the polyvinyl acetal with a lower degree of polymerization is not less than 3 mol% of a total amount of functional groups contained in the polyvinyl acetal with a lower degree of polymerization.

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14. The ceramic green sheet according to claim 1, wherein a content of acetyl group in the polyvinyl acetal with a higher degree of polymerization is not less than 3 mol% of a total amount of functional groups contained in the polyvinyl acetal with a higher degree of polymerization.

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- 15. The ceramic green sheet according to claim 1, having a porosity of 10 to 60 vol%.
- 16. A laminated ceramic article obtained by producing a ceramic coating
 containing at least a ceramic raw material powder, a binder, and an organic
 solvent, forming the obtained ceramic coating in a sheet shape, followed by
 drying, whereby a ceramic green sheet is produced, and producing a laminate
 using the ceramic green sheet and an inner electrode sheet or producing a
 laminate using the ceramic green sheet on which an inner electrode is formed,
 followed by binder-removal and firing,

wherein the ceramic green sheet is obtained by forming a ceramic coating containing at least a ceramic raw material powder, a binder, and an organic solvent in a sheet shape, followed by drying,

the binder contains two or more kinds of polyvinyl acetal with different average degrees of polymerization, and

polyvinyl acetal with a higher average degree of polymerization contains a relatively large amount of hydroxyl group, and polyvinyl acetal with a lower average degree of polymerization contains a relatively small amount of hydroxyl group.

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- 17. The laminated ceramic article according to claim 16, wherein the laminated ceramic article is a laminated ceramic capacitor.
- 18. A method for manufacturing a laminated ceramic article comprising at least: producing a ceramic coating containing at least a ceramic raw material powder, a binder, and an organic solvent; forming the obtained ceramic coating in a sheet shape, followed by drying, whereby a ceramic green sheet is

produced; producing a laminate using the ceramic green sheet and an inner electrode sheet or producing a laminate using the ceramic green sheet on which an inner electrode is formed; and subjecting the laminate to binder-removal and firing,

wherein the ceramic green sheet is obtained by forming a ceramic coating containing at least a ceramic raw material powder, a binder, and an organic solvent in a sheet shape, followed by drying,

the binder contains two or more kinds of polyvinyl acetal with different average degrees of polymerization, and

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polyvinyl acetal with a higher average degree of polymerization contains a relatively large amount of hydroxyl group, and polyvinyl acetal with a lower average degree of polymerization contains a relatively small amount of hydroxyl group.